AMENDMENTS TO THE ABSTRACT OF THE DISCLOSURE

Current methods of drug administration to the lungs are inefficient. 'Endotracheal Tube with Aerosol Delivery Apparatus' is specifically designed for uniform intrapulmonary deposition of aerosolized medication in patients on mechanical ventilation. As opposed to the current methods of drug delivery where aerosol particles are generated at the proximal end of the ET tube, with majority of the particles adhering to the endotracheal tube during delivery, this invention bypasses the endotracheal tube by generating aerosol particles at its distal end. This invention incorporates an external medication dispenser with adapter designed to perfectly fit a valve stem of a conventional metered dose inhaler at its proximal end. From the distal end of this adapter originates a secondary cannula which is disposed adjacent and outside the main body of the ET tube. The secondary cannula fuses with a secondary canalization through an opening on the outer wall of the ET tube. The secondary canalization, with 100% of it's course from the proximal end to the distal end, is disposed in the wall between the outer annular surface and inner annular surface of the ET tube. The distal end of the secondary canalization terminates as a pinhole opening at the distal end of the ET tube, where aerosol particles of medication are generated on actuation of the MDI canister.